

U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

Issue 31 April 2014

SUSTAINABILITY ANNOUNCEMENTS

SPO to Host 2013 DOE Sustainability Awards Best Practices Virtual Workshop

The Sustainability Performance Office (SPO) will host a virtual best practices workshop on April 23, 2014 to recognize the winners of the 2013 DOE Sustainability Awards. Award winners will present on their winning programs and projects and answer brief questions on their accomplishments. Please join us in celebrating the 2013 DOE Sustainability Awards winners.

Additional information on the workshop, including webinar and call-in information, will be posted to www.sustainability.energy.gov.

SUCCESS STORIES

INL's Dual-Fuel Bus Fleet Drives Cost and Carbon Footprint Savings

The Idaho National Laboratory (INL) manages the largest bus fleet among DOE's National Laboratories. INL's bus system transports 3,000 employees from their home communities to remote locations on the 890-square-mile site. Beginning in summer 2013, INL began converting its fleet of 80 biodiesel buses to "dual fuel," enabling the buses to run on both biodiesel and natural gas. Three buses have been converted to use LNG and biodiesel, and options are being pursued to convert more buses in the coming months. The conversion will reduce diesel use by 50 percent and, if the entire fleet is converted, save the annual fuel equivalent of taking 42 passenger vehicles off the road.



INL Bus at Refueling Station

For more information on these efforts, visit: <http://go.usa.gov/k3MF>.

San Carlos Apache Tribe Set to Break Ground on New Solar Project

The San Carlos Apache Tribe, located approximately 90 miles east of Phoenix, is set to break ground on a new tribally financed and owned solar photovoltaic (PV) array. The Tribe will construct the 1.1-megawatt (MW) PV system to provide power to tribal enterprises, adding to an impressive collection of projects undertaken to reduce energy use and greenhouse gas emissions.

DOE's Office of Indian Energy's Strategic Technical Assistance Response Team (START) provided technical support for the project. San Carlos Apache is one of 10 Tribes receiving technical assistance through the 2013 START Program. Learn more at: www.energy.gov/indianenergy/resources/start-program.

For more information about this project, visit: <http://www.energy.gov/indianenergy/articles/san-carlos-apache-tribe-set-break-ground-new-solar-project>.

SUSTAINABILITY SUPERSTAR



DOE's recent sustainability accomplishments have been made possible by DOE's sites and National Laboratories. Your efforts have placed DOE on track to meet many Federally-mandated goals and targets.

Please help us recognize those who have achieved exceptional results while performing DOE's sustainability mission. Nominations can be sent to sustainability@hq.doe.gov.

Send us your champion!



A San Carlos Apache Tribe Solar PV System

UPCOMING EVENTS AND MILESTONES



(Click to view SPO Calendar) ↑

COURSES, WEBINARS, AND EVENTS

Apr 11: [Sustainable Purchasing of Office Products](#)

Apr 17: [Portfolio Manager 101](#)

Apr 23: [Sustainability Awards Best Practices Workshop](#)

Apr 24: [Portfolio Manager: Understanding Energy Metrics](#)

May 7-9: [Better Buildings Summit](#)

ON-DEMAND TRAINING

Certifications

[GSA-Sponsored LEED Training Certification for Federal Employees](#)

Financing

[ESPCs for Small Sites](#)

[UESCs and Energy Project Funds](#)

[Energy Savings Performance Contracting](#)

[Measurement and Verification in ESPCs](#)

Buildings

[Commissioning for Federal Facilities](#)

[Operations, Maintenance, and Commissioning](#)

[Implementing Deep Retrofits](#)

[Building Automation Systems for Existing Federal Facilities](#)

Water

[Water Efficiency Planning and Implementation](#)

[Stormwater Management & Water Conservation](#)

Data Centers

[Data Center Efficiency with ASHRAE Thermal Guidelines](#)

Fleet

[Complying with the EPA Act 2005 Section 701 Requirements](#)

SUSTAINABILITY NEWS

EPA Kicks Off 2014 ENERGY STAR Building Competition: Team Challenge

The Environmental Protection Agency's (EPA) ENERGY STAR National Building Challenge is returning for 2014. In year's past, buildings across the nation competed in head-to-head battles to see which buildings could save the most energy and water. This year, however, *teams of buildings* will compete against each other, rather than individual buildings, with the hope of fostering collaboration and teamwork.



For more information about the competition and entry process, visit: <http://www.energystar.gov/buildings/about-us/how-can-we-help-you/communicate/energy-star-communications-toolkit/motivate-competition-6>.

SUSTAINABILITY RESOURCES

FEMP Offering On Demand Training for Advanced Electric Metering

The Federal Energy Management Program (FEMP) is offering an on demand training course focused on advanced electric metering systems. The course discusses the components of an advanced electric metering system, how to utilize metered data, and how to select the appropriate software tools for conducting analysis.



For more information, visit:

http://apps1.eere.energy.gov/femp/training/course_detail_ondemand.cfm/CourseId=141.

FEMP Offering On Demand Training for HVAC in Data Centers & Laboratories

FEMP is offering two courses to improve the efficiency of data centers and laboratories and reduce energy waste. The data centers training addresses methods for reducing the energy-intensity of data centers by utilizing server-virtualization, optimizing the temperature within the data center, selecting energy-efficient cooling options, arranging server racks and aisles, and other efficiency opportunities. The laboratory training addresses the six areas that are most responsible for energy waste in laboratories, including air handling systems and fume hoods, and provides suggestions for reducing energy use.

For more information on the data centers training, visit:

http://apps1.eere.energy.gov/femp/training/course_detail_ondemand.cfm/CourseId=2183.

For more information on the Laboratories Training, visit:

http://apps1.eere.energy.gov/femp/training/course_detail_ondemand.cfm/CourseId=2182.

Study Released on Maximizing Lighting Retrofits

Energy-efficient lighting manufacturer, Precision Paragon, recently released a study outlining ways to maximize lighting retrofits. While a truly comprehensive retrofit can be initially more costly and time consuming, a facility could more than double energy savings when compared to performing a simple retrofit, says Precision Paragon. The paper, "6 Steps to Getting the Most From Every Lighting Retrofit", outlines the retrofit process and steps for performing a comprehensive retrofit.

For more information, visit: <http://www.energymanagertoday.com/6-steps-to-lighting-retrofits-099696/>.



Check out CEQ's latest GreenGov Leader newsletter:

<https://www.fedcenter.gov/assistance/newsletters/greengovleader/>